



NREL National Renewable Energy Laboratory

Innovation for Our Energy Future

*A national laboratory of the U.S. Department of Energy
Office of Energy Efficiency & Renewable Energy*

FAX

Date: April 2, 2008
To: USPTO
Organization: Maintenance Fee Branch / D. Allen
Fax Number: (571) 273-6500
From: Janice Brown
Organization: National Renewable Energy Laboratory
Fax Number: (303) 384-7499
Total Pages Faxed: 2 (including cover sheet)
For Questions Call: (303) 384-7577

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APR 09 2008
OFFICE OF PETITIONS

Remarks:

Payment of Deficiency Authorization attached for:

Applicants: Douglas L. Schulz et al.
Patent No.: 6,830,778
Issued: December 14, 2004
Title: Direct Printing of Thin-Film Conductors
Using Metal-Chelate Ink

Atty. Dkt. No. NREL 98-34 CIP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Douglas L. Schulz et al.)
 Patent No.: 6,830,778)
 Issued: December 14, 2004)
 Title: Direct Printing of Thin-Film) Atty. Dkt. No. NREL 98-34 CIP
 Conductors Using Metal-Chelate Ink)

PAYMENT OF DEFICIENCY AUTHORIZATION

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Mail Stop M Correspondence
 Director of the USPTO
 P.O. Box 1450
 Alexandria, VA 22313-1450

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Attn: D. Allen / Maintenance Fee Branch

This Payment of Deficiency Authorization is being submitted concurrent with an Entity Status Change Request, which requests that the status as a small entity for the above-referenced U.S. patent be removed in accordance with 37 C.F.R. § 1.28(c).

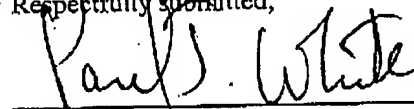
It is requested that the USPTO charge Applicant's Deposit Account No. 14-0460, in the total amount of \$930 for the first maintenance fee payment. As shown in the chart below, this is the sum of the deficiency between the amount currently due for the first maintenance fee (04 payment year), which is \$465, as well as the deficiency between the amount due for the first maintenance fee (04 payment year) as a large entity, which is \$465, pursuant to the loss of entitlement to small entity status.

<u>Due Date of Original Fee</u>	<u>Type of Fee Paid</u>	<u>Current Fee Amount (as a large entity)</u>	<u>Amt Originally Requested</u>	<u>Deficiency (based on current fee amount)</u>
June 14, 2008	04 Payment Yr 1st Maint Fee	\$930	\$465	\$465

TOTAL PAYMENT \$ 930

The USPTO is authorized to charge Applicant's Deposit Account for any under payment required in this matter. The signatory below is a proper signatory under 37 C.F.R. § 1.33(b).

Respectfully submitted,



Paul J. White, Reg. No. 30,436
 Attorney for Applicants
 (303) 384-7575

04/04/2008 DALLEN 00000007 140460 6830778

01 FC:1551 930.00 DA

Dated: April 2nd, 2008

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 1617 Cole Blvd.
 Golden, CO 80401

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Conductors Using Metal-Chelate Ink)

ENTITY STATUS CHANGE REQUEST

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Alexandria, VA 22313-1450

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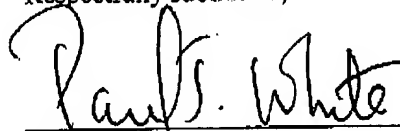
OFFICE OF PETITIONS

Attn: D. Allen / Maintenance Fee Branch

This is a notification of loss of entitlement to small entity status for the above-referenced patent in accordance with 37 C.F.R. § 1.28(c). It is requested that the entity status of the above-referenced U.S. patent be changed to reflect such loss of entitlement for purposes of paying the first maintenance fee. This declaration is made because the above-referenced U.S. patent has been licensed to a large entity organization, and as such, no longer qualifies for small entity status, pursuant to 37 C.F.R. § 1.27(a)(2)(i).

The USPTO is authorized to charge Applicant's Deposit Account for any under payment required in this matter. The signatory below is a proper signatory under 37 C.F.R. § 1.33(b).

Respectfully submitted,



Paul J. White, Reg. No. 30,436
Attorney for Applicants
(303) 384-7575

Dated: April 2nd, 2008

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Golden, CO 80401

Encl: As stated above